

Product datasheet for **SC332584**

SERINC4 (NM_001258031) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SERINC4 (NM_001258031) Human Untagged Clone
Tag: Tag Free
Symbol: SERINC4
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332584 representing NM_001258031.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGTGGGTGCCAAGGCCGCCCCAGCCCCGGCACCTCCCTGGGCCTGGCACAGCAGCACAGCGGAGGC
AGCAGTGTCTAGTGAAGTCCCTTCTGTGAGTGTGCTGCTGTGGCCTGCTCCTTGTGCCAGCTGC
TGCCACTCTAGGTGGCCCTCTCTACCGCATCCACTTGCAGCCGCTGTTCTACATCCTCCTCCATGTG
GGGGCCTCAGCAATCTGCTGCCTCCTGCTGTCAAGGACAGTAGTGAAAGGGTGTGGGGCAAGACACAC
AGGATCCAGATGCCCTCGGGTGTGTGCCACCTGTTTGGCCTCTCTGACTGTCCAGTGCTCAGTGGC
TCTGGGCTGTGTACCGAGTATGTGCAGGAACCGCCACCTTCCACCTGCTGCAGGCTGTGTTGCTGGTC
CACCTCACTCCCCACCAGCCCGGGGCACAGCTGCATAATAGCTTCTGGCTCCTCAAGCTGCTGTTT
CTGTTAGGTCTCTGTGCTATTGCCTTCTGCATTCTGATGAGCATCTCTCCAGCATGGCATTACATT
GGCATCTGTGGAGGCTTTCATTTCATCCTACTGCAGTTGGTGCTTATTACAGCTTTTGGCCATTCTGG
AACAAGAACTGGCAGACAGGTGCAGCTCAAGACTGTAGCTGGTTCCTGGCTGCTCTGCTGCCACCCTA
GGATTCTACAGCATGGCAGGTGTGGAGCTGTGCTCCTATTCCACTATTATACACCCAGCTGGCTGC
CTGCTTAACAAGATGCTCCTCAGTCTGCACCTTGTCTTGTGGCCTCATCTCCTTCTCCTCATCGCT
CCTTGCATCCGCCTCAAGCAACCCGCTCTGGCCTCCTACAAGCTTCTGTCATCAGCTGCTATATCATG
TATCTGACTTTCTCTGACTGTCCAGCCGCTCCTCCAGAGAGAGTAATCCTTCAAGGACAGAATCACACC
CTGTGCCTGCCTGGCCTGAGTAAATGGAACCCCAACACCAGATATCTCTAGCAATGCTGAGTGCT
AGCATCATGTATGCTTGTGTGCTTTTGTGTGCAATGAGGCCTCTACCTGGCTGAGGTATTTGGACCC
CTGTGGATTGTCAAGTTTACAGCTATGAGTTTCAAGGCCCTCACTGTGTTTCTGCTGCCTGAAACA
GTGGAGGCAGACAAAGGGCAAAGGGTGGGGCTGCGAGGCCAGCTGACCAAGAAACCCCTCCAGCTCCT
CCAGTCCAAGTCCAGCATCTTCTCACTAATCTGCTTCCACTTCGTTCTTCTTCTTGCCTCACTC
TATGTCATGGTTACCTTACCAACTGGTTCAGCTATGAGGAGCAGAAGTGGAAAGACCTTCATCAAG
GGTAGCTGGGCCACCTTCTGGGTCAAGGTTGCCTCATGCTGGCCTGCGTACTCCTCTATCTGGGCTG
TTACTGGCACCCTCTGTTGGCCCCCACCAGAAACCCAGCCCTTATCTTGAGGCGCCGCCGCCAC
CGCATCATATCCCAGATAACAAATATCTCCAGCTAA
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Restriction Sites: SgfI-MluI
ACCN: NM_001258031
Insert Size: 1557 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001258031.1</u>
RefSeq Size:	2494 bp
RefSeq ORF:	1557 bp
Locus ID:	619189
UniProt ID:	<u>A6NH21</u>
Cytogenetics:	15q15.3
Protein Families:	Transmembrane
MW:	56.9 kDa
Gene Summary:	Incorporates a polar amino acid serine into membranes and facilitates the synthesis of two serine-derived lipids, phosphatidylserine and sphingolipids.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.